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X26

98-600102/51

★JP 10269822-A

Sheet like light source with LED lamp for LCD device - has wavelength converter formed by fluorescent material which on excitation by light emitted from LED amp, emits fluorescent light towards light guide plate

NICHIA KAGAKU KOGYO KK 95.09.06 98JP-122850 (Div ex 95.09.06 95JP-228831)

P81 P85 Q71 U14 V07 W05 (98.10.09) F21V 8/00, 9/08, G02F 1/1335, G09F 9/00

The light source has an LED lamp (2) which emits a light towards a wavelength converter (4). The fluorescent material in the wavelength converter is excited by the light emitted by the LED lamp and thereby emits fluorescent light. Then wavelength converted light is guided from an end face towards a light guide plate (1) such that light discharges from light emission surface of the light guide plate.

ADVANTAGE - Decreases required quantity of fluorescent material. Guides light efficiently to light guide plate. (4pp Dwg.No.1/1)

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